IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent App	lication of)				
Evy LUNDGREN-AKERLUND et al.				Group Art Unit: 1644			
Applic	ation No.:	: 09/647,544)	Examiner: Maher M. Haddad			
Filed:	October	26, 2000)	Confirmation No.: 8350			
For:		EGRIN HETERODIM INIT THEREOF	ER AND)				
			ON DISCLOSU ANSMITTAL	URE STATEMENT LETTER			
P.O. B	ox 1450	or Patents 22313-1450					
Sir:							
above-		l is an Information Disc patent application.	closure Stateme	nt and accompanying form PTO-1449 for the			
	[]	No additional fee for submission of an IDS is required.					
	[X] '	X] The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.					
	[] A statement under 37 C.F.R. § 1.97(e) is also enclosed.						
		A statement under 37 C in 37 C.F.R. § 1.17(p)), and the fee of \$180.00 (1806) as set forth ed.			
	[X] (Charge \$ <u>180.00</u>	to Deposit Acc	ount No. 02-4800 for the fee due.			
	[]	A check in the amount	of \$	is enclosed for the fee due.			
	nd 1.21 th		this paper, and	y appropriate fees under 37 C.F.R. §§ 1.16, to credit any overpayment, to Deposit icate.			
			Respectfully su	bmitted,			
			BURNS, DOANI	E, SWECKER & MATHIS, L.L.P.			
Date:	Decemb	er 22, 2003	By: Deborah I Registration	H. Yellin on No. 45,904			
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P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

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Applica	ntion No.: 09/647,544))	Examiner: Maher M. Haddad
Filed:	October 26, 2000)	Confirmation No.: 8350
For:	AN INTEGRIN HETERODIMER AND A SUBUNIT THEREOF)))	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The document is being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c) the fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

A fee in the amount of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, the document listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

By:

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: December 22, 2003

Deborah H. Yellin

Registration No. 45,904

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Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. APPLICATION NO. 003300-685 09/647,544			
SECOND INFORMATION DISCLOSURE	APPLICANT Evy LUNDGREN-AKERLUND et al.			
STATEMENT BY APPLICANT	FILING DATE	GROUP		
	October 26, 2000	1644		

U.S. PATENT DOCUMENTS								
Examiner Initials	Document Kind Code Name of Patentee or Applicant Number (if known) of Cited Document			Issue/Publication Date (MM-DD-YYYY)				
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		FO	LEIGN PATENT DOCUMENTS					
Examiner Document Kind Code Initials Number (if known)			Country	Date of Public				
	Include		TENT LITERATURE DOCUMENTS	n appropriate) title	of the			
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	Oxford Dictionary of Biochemistry and Molecular Biology, Revised Edition, p. 307, Definition of "homologue", Oxford University Press, p. 307, Butler & Tanner, Ltd. Frome, Great Britain.							

Examiner	Date	
Signature	Considered	
0.9		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.